

REFERENCES

- Anderson, L. W., Krathwohl, D. R., and Bloom, B. S. (2001). *A taxonomy for learning, teaching, and assessing: A revision of Bloom's taxonomy of educational objectives*. New York: Longman.
- Amrai et al. (2011). The relationship between academic motivation and academic achievement students. *Procedia Social and Behavioral Sciences*, 15, 399-402.
- Arikunto, S. (2009). *Dasar-Dasar Evaluasi Pendidikan*. Jakarta: Bumi Aksara.
- Arikunto, S. (2013). *Dasar-Dasar Evaluasi Pendidikan (Edisi 2)*. Jakarta: Bumi Aksara
- Ardiyanto, R. (2015). *Pengembangan Fisika Bervisi SETS (Science, Environment, Technology, and Society) Terintegrasi Karakter*. Semarang. Universitas Negeri Semarang.
- Atkinson, J. W. (1957). *Motivational determinants of risk-taking behavior*. *Psychological review*, 64(6p1), 359. [Online]. Retrieved from <http://psycnet.apa.org/psycinfo/1959-03029-001>. Accessed on August, 21 2016.
- Boopathiraj, C. and Chellamani, K. (2013). Analysis of Test Items on Difficulty Level and Discrimination Index in the Test for Research in Education. *International Journal of Social Science and Interdisciplinary Research*, 2 (2), 189-193.
- Chandra, D. H., Phiri, S. N.A., and Nkosha, D.C. (2000). *Teaching and Learning Materials Analysis and Development in Basic Education*. Paris: Department Head of Language and Social Science Education, University of Zambia.
- Creswell, J. W. (2012). *Educational Research (4th Edition)*. Botson: Pearson
- Fraenkel, J. R., Wallen, N. E., and Hyun, H. H. (2012). *How to Design and Evaluate Research in Education (8th edition)*. New York: Mc Graw Hill.
- Fogarty, R. J., and Pete, B. M. (2009). *How to integrate the curricula*. Palatine: Corwin Press.
- Hake, R. R. (1999). *Analyzing Change/Gain Score*. Indiana University.
- Harrell, P. E. (2010). Teaching an Integrated Science Curriculum: Linking Teacher Knowledge and Teaching Assignments. *Issues in teacher education*, 19(1), 145-165.

Reval Hermawan, 2016

THE EFFECT OF INTEGRATED SCIENCE TEXT BOOK TOWARDS STUDENTS' CONCEPTUAL UNDERSTANDING AND MOTIVATION IN LEARNING GLOBAL WARMING

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Haslam, C. Y., and Hamilton, R. J. (2010). Investigating the use of integrated instructions to reduce the cognitive load associated with doing practical work in secondary school science. *International Journal of Science Education*, 32(13), 1715-1737.
- PCC, 2007: Climate Change 2007: Synthesis Report. Contribution of Working Groups I, II and III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, Pachauri, R.K and Reisinger, A. (eds.)]. IPCC, Geneva, Switzerland, 104 pp
- Izati, A. (2013). *Pengembangan Bahan Ajar IPA Terpadu Melalui Lesson Study pada Materi Bahan Kimia Tambahan Untuk Makanan*. Semarang. Universitas Negeri Semarang.
- Keller, J.M. (1987). "Development and use of the ARCS model of instructional design. *Journal of Instructional Development*, 10(3), 2-10.
- Mkrtchyan, A. (2011). Distractor Quality Analyze in Multiple Choice Question Based On Information Retrieval Model. *EDULEARN11 Proceedings*, 16241631.
- Muljono, P. (2007). Kegiatan Penilaian buku Teks Pelajaran Pendidikan Dasar dan Menengah. *Buletin BSNP* Vol. II/ No. 1
- Munier, Valérie and Merle, Helene (2009). Interdisciplinary Mathematics-Physics Approaches to Teaching the Concept of Angle in Elementary School. *International Journal of Science Education*, 31: 14, 1857 — 1895
- Nealer, R., Reichmuth, D., & Anair, D. (2015). *Cleaner Cars from Cradle to Grave: how electric cars beat gasoline cars on lifetime global warming emissions*. Union of Concerned Scientists Report.
- Nuroso & Siswanto. 2010. Model Pengembangan Modul IPA Terpadu Berdasarkan Perkembangan Kognitif Siswa. *Journal of Education IKIP PGRI Semarang*, 1, 35-46.
- Kementrian Pendidikan dan Kebudayaan (2013). *Permendikbud: Impelementasi Kurikulum 2013 No.81A*. Jakarta: Kementrian Pendidikan dan Kebudayaan
- PISA, O. (2012). *Results in Focus: What 15-year-olds know and what they can do with what they know*. [Online]. Retrieved from <https://www.oecd.org/pisa/keyfindings/pisa-2012-results-overview.pdf>. [Acessed on July 12, 2016]

- Quang, L. X., Hoang, L. H., Chuan, V. D., Nam, N. H., Anh, N. T. T., and Nhung, V.T.H. (2015). Integrated Science, Technology, Engineering and Mathematics (STEM) Education through Active Experience of Designing Technical Toys in Vietnamese Schools. *International Journal of Science Education*, 11(2): 112.
- Reece, J., Urry, L. A., Meyers, N., Cain, M. L., Wasserman, S. A., Minorsky, P. V., and Cooke, B. N. (2011). *Campbell biology*. New York: Pearson Higher Education AU.
- Sholahuddin, A. 2011. Pengembangan Buku Ajar Kimia Kelas X Berbasis Reduksi Didaktik: Uji Kelayakan di SMA N Kota Banjarmasin. *Jurnal Pendidikan Kebudayaan*, 17 (2), 166-177.
- Sudjana. (2005). *Metoda Statistika*. Bandung. Tarsito
- Sulastri, S. and Priambodo, B. A., (2012). *Bilingual Physic*. Jakarta: Erlangga Press.
- Sugiyono. (2015). *Metode Penelitian Kuantitatif Kualitatif dan R&D*. Bandung. Alfabeta, cv.
- Tanner, D. (2012). *Using Statistics to Make Educational Design*. Los Angeles: SAGE Publication, Inc.
- Tomecek, S. M., (2012). *Science Foundations: Global Warming and Climate Change*. New York: Infobase Learning.
- United Nations Educational, Scientific, and Cultural Organization (UNESCO) (2010). *Reaching the Marginalized*. Paris: Oxford University Press
- United States Agency for International Development (USAID) (2013). *Reflection on Education in Indonesia*. [Online]. Retrieved from <http://www.prestasi-iiief.org/index.php/english/feature/68-reflections-on-education-in-indonesia>. [Accessed on August 14, 2016].